

QI Study projects

Lab / Dpt.	Year started	Topic	Status
Blood Lead	2007	Provider labeling improvement	In progress
	2008	Provider shipping delays	Suspended due to issues with PO
BT Lab	2007	Transport time from sentinel lab notification of a suspect BT agent at the SLI BT lab and proper packaging of sample	In progress
Drug lab	2007	GCMS SOP	Completed
	2008	Balance tolerance	In progress
Food borne Surveillance	2007	Receive more specimens	
		Rework lab results	In progress
		Streamline PFGE computers	In progress
		Eliminate STEC vs E. coli in IML	In progress
		Enteric IML corrected reports	In progress
		Implement more molecular testing for STEC and other toxins	In progress
		Develop QA SOP and rotating schedule	In progress
		Update SOPs and training documents	In progress
		Develop plan for daily/monthly supervisor review	In progress
HIV/Hep	2007	Serum and OMT EIA reactivity and signal-to-cutoff ratios as predictors of WB positivity	
		Individual and combination rapid test results as predictors of WB positivity	
	2008	Specimen stability for hepatitis and HIV testing after prolonged transit times	
Mol. Dx.	2007	Using WNV and EEE molecular detection for determining laboratory contamination	Completed
	2008	Expiring reagent query SOP	In progress
QA	2007	Redesign the QA program	Completed
	2008	Implement new QA program	Completed
		CDC send out turn around time	In progress
		Develop training series for QA in a new format	Completed
		Collate downtime and repair history of Primus autoclave to assist BT lab in justifying the purchase of a new unit	In progress

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Reference	2007	Missing critical information (collection dates) for Legionella and Pertussis cultures	Completed
	2008	Turn around time for identification of nonreportable referred isolates	Completed
		Evaluation of two commercially available Blod agar plates against one prepared in-house	Completed
		How well does B. pertussis FA predict a final result of B. pertussis found on culture – retrospective data analysis	Completed
STD	2007	Implementation and evaluation of new procedure to eliminate reporting to incorrect providers	
	2008	Is NAAT reproducibility associated with season, transit type or specimen type	
Mycobacteriology	2007	Determining the effect of heat fixing temperature on slide quality	Completed
	2008	QuantiFeron-TB gold stability over time	In progress